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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	43	Feb 13	CANCERLIT is no longer being updated

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NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'CAPLUS' ENTERED AT 10:56:53 ON 24 FEB 2003

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FILE COVERS 1907 - 24 Feb 2003 VOL 138 ISS 9

FILE LAST UPDATED: 23 Feb 2003 (20030223/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 3-hydroxy-4-aryl-5-oxopyrazoline

5692291 3

364029 HYDROXY

4622442 4

175104 ARYL

5351900 5

29 OXOPYRAZOLINE

L1 4 3-HYDROXY-4-ARYL-5-OXOPYRAZOLINE

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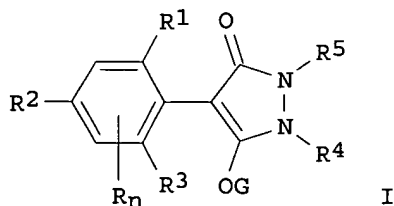
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(3 (W) HYDROXY (W) 4 (W) ARYL (W) 5 (W) OXOPYRAZOLINE)

=> d l1 1-5 ibib hitstr abs

L1 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:911362 CAPLUS
DOCUMENT NUMBER: 134:56699
TITLE: Process for the preparation of herbicidally active
3-hydroxy-4-aryl
-5-oxopyrazoline derivatives
INVENTOR(S): Maetzke, Thomas; Mutti, Rene; Szczepanski, Henry
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen
Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078881	A2	20001228	WO 2000-EP5476	20000614
WO 2000078881	A3	20010517		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1183317	A2	20020306	EP 2000-942071	20000614
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO			
BR 2000011702	A	20020326	BR 2000-11702	20000614
JP 2003503317	T2	20030128	JP 2001-505631	20000614
PRIORITY APPLN. INFO.:			CH 1999-1122	A 19990616
			WO 2000-EP5476	W 20000614
OTHER SOURCE(S):			CASREACT 134:56699; MARPAT 134:56699	
GI				



AB The title compds. I [R = halo, alkyl, alkenyl, etc.; R together with R1, R2, and R3 forms a bridge; R2 = aryl; R4, R5 = H, alkyl, haloalkyl, etc.; n = 0-2] were prepd. by reaction of arylmalonic acid diamides or arylmalonic acid monoamides with hydrazine derivs. E.g.,

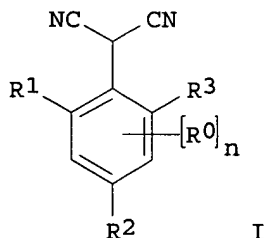
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8-(2,6-diethyl-4-methylphenyl)tetrahydropyrazolo[1,2-d][1,4,5]oxadiazepine-7,9-dione was prepd.

L1 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:911211 CAPLUS
DOCUMENT NUMBER: 134:71394
TITLE: Preparation of substituted arylmalonic acid dinitriles as intermediates for the preparation of herbicides
INVENTOR(S): Schnyder, Anita
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078712	A1	20001228	WO 2000-EP5477	20000614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000011700	A	20020305	BR 2000-11700	20000614
EP 1185506	A1	20020313	EP 2000-942072	20000614
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003502403	T2	20030121	JP 2001-504881	20000614
PRIORITY APPLN. INFO.: CH 1999-1121 A 19990616				
WO 2000-EP5477 W 20000614				
OTHER SOURCE(S): MARPAT 134:71394				
GI				



AB The title compds. [I; R0 = halo, alkyl, alkenyl, etc.; R1-R3 = H, halo, alkyl, etc.; R2 also may be (un)substituted Ph, naphthyl, pyridyl, etc.; n = 0-2], useful as intermediates for the prepn. of known, herbicidally active 3-hydroxy-4-aryl-5-oxopyrazoline derivs., were prepd. E.g., a 2-step synthesis of I [R0 = H; R1, R3 = Et; R2 = Me], starting with 2,6-diethyl-4-

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methylaniline, was given.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:227595 CAPLUS

DOCUMENT NUMBER: 122:25904

TITLE: Preparation of 3-hydroxy-4-aryl-5-oxopyrazoline derivatives as insecticides, acaricides and herbicides.

INVENTOR(S): Krueger, Bernd-Wieland; Fischer, Reiner; Bertram, Heinz-Juergen; Bretschneider, Thomas; Boehm, Stefan; Krebs, Andreas; Schenke, Thomas; Santel, Hans-Joachim; Lurssen, Klaus; et al.

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: U.S., 30 pp. Cont.-in-part of U.S. Ser. No. 849,863, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

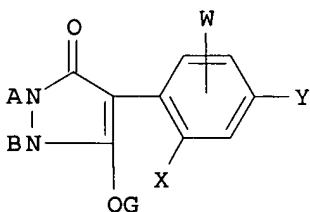
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5358924	A	19941025	US 1992-999058	19921231
DE 4109208	A1	19920924	DE 1991-4109208	19910321
US 5474974	A	19951212	US 1994-233911	19940428
US 5661110	A	19970826	US 1995-476171	19950607
US 5739389	A	19980414	US 1996-774469	19961230
US 5780394	A	19980714	US 1997-788715	19970123
US 6221810	B1	20010424	US 1998-52290	19980331

PRIORITY APPLN. INFO.:

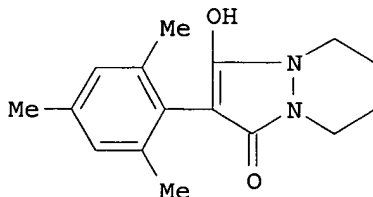
DE 1991-4109208	A	19910321
US 1992-849863	B2	19920312
US 1992-968888	A2	19921216
US 1992-999058	A3	19921231
US 1994-233911	A3	19940428
US 1995-476171	A3	19950607
US 1997-788715	A3	19970123

OTHER SOURCE(S): MARPAT 122:25904

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I



II

AB The 3-hydroxy-4-aryl-5-oxopyrazoline derivs. I [A,B= H, alkyl, alkenyl, alkynyl, alkoxyalkyl, alkythioalkyl, cycloalkyl or (un)substituted aryl; AB= bivalent radical of an (un)satd. (un)substituted mono-, bi-, tri- or

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polycyclic system;X,Zn = W, where Z = alkyl, halo or alkoxy;Y=X,H,haloalkyl and n=0, 1-3; G=H,COR1, etc.;R1=(halo)alkyl,alkenyl, alkynyl,etc.] are prepd. as insecticides, acaricides or herbicides. Mesityl chlorocarbonyl ketene was reacted with piperidazine in Et3N-contg. ether, to give 3-hydroxy-4-mesityl-5-oxo-1,2-tetramethylenepyrizoline (II). II (1%) totally controlled Lucilia cuprina larvae.

L1 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1993:22227 CAPLUS

DOCUMENT NUMBER: 118:22227

TITLE: 3-Hydroxy-4-aryl
-5-oxopyrazoline derivatives,
their preparation, and their use as pesticides and herbicides

INVENTOR(S): Krueger, Bernd Wieland; Fischer, Reiner; Bertram, Heinz Juergen; Bretschneider, Thomas; Boehm, Stefan; Krebs, Andreas; Schenke, Thomas; Santel, Hans Joachim; Luerksen, Klaus; et al.

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 45 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4109208	A1	19920924	DE 1991-4109208	19910321
EP 508126	A1	19921014	EP 1992-104044	19920310
EP 508126	B1	19970502		
R: BE, CH, DE, ES, FR, GB, GR, IT, LI, NL				
ES 2101764	T3	19970716	ES 1992-104044	19920310
JP 05117240	A2	19930514	JP 1992-91438	19920318
JP 3100223	B2	20001016		
BR 9200983	A	19921117	BR 1992-983	19920320
US 5332720	A	19940726	US 1992-968888	19921216
US 5358924	A	19941025	US 1992-999058	19921231
US 5474974	A	19951212	US 1994-233911	19940428
US 5661110	A	19970826	US 1995-476171	19950607
US 5739389	A	19980414	US 1996-774469	19961230
US 5780394	A	19980714	US 1997-788715	19970123
US 6221810	B1	20010424	US 1998-52290	19980331

PRIORITY APPLN. INFO.:

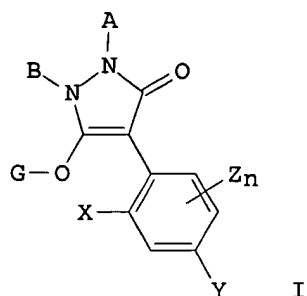
DE 1991-4109208	A	19910321
US 1992-849863	B3	19920312
US 1992-968888	A2	19921216
US 1992-999058	A3	19921231
US 1994-233911	A3	19940428
US 1995-476171	A3	19950607
US 1997-788715	A3	19970123

OTHER SOURCE(S): MARPAT 118:22227

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AB Title compds. I [A, B = H, alkyl, alkenyl, alkynyl, alkoxyalkyl, alkylthioalkyl, cycloalkyl, (un)substituted aryl; or AB = (un)satd. (un)substituted (bi- or higher cyclic) bivalent group; X = alkyl, halo, alkoxy; Y = H, alkyl, halo, alkoxy, haloalkyl; Z = alkyl, halo, alkoxy; n = 0-3; G = H, certain (un)substituted acyl, sulfonyl, phosphoryl, and (thio)carbamoyl groups] were prepd. as pesticides (esp. insecticides and acaricides), herbicides, etc. For example, reaction of mesityl(chlorocarbonyl)ketene (prepn. given) with piperidazine in Et₂O contg. Et₃N at 50.degree., and treatment of the product in THF with ice-HCl, gave 66% I [AB = (CH₂)₄, X = Y = Me, Zn = 6-Me, G = H]. Various I were superior to the known compd. 3-acetyloxy-2-phenyl-1H-inden-1-one in tests against resistant *Tetranychus urticae*, *Plutella maculipennis*, and resistant *Lucilia cuprina* larvae, and some I showed superior herbicidal activity and crop selectivity.